

ABSTRACT

In a nonaqueous electrolyte rechargeable battery in which
a positive electrode plate (1) and a negative electrode plate
5 (2) are superimposed with a separator (3) interposed between
them, and are accommodated in a battery case (4) together
with electrolyte, corona discharge treatment is performed on
the positive electrode material (1a) or the manufactured
positive electrode plate (1). Improved affinity between the
10 positive electrode material (1a) of the positive electrode
plate (1) and the electrolyte shortens the pouring time of
the electrolyte and enables the lithium ions (10) to easily
reach the surface of the positive electrode material (1a),
thereby improving the charging/discharging characteristic of
15 the battery.